

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 03/08/83
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

FEBUARY 83

DAY AVG. DAILY POWER LEVEL
 (MWE-NET)

1	-4.
2	-4.
3	-5.
4	-5.
5	-5.
6	-5.
7	-4.
8	-5.
9	-4.
10	-4.
11	-5.
12	-4.
13	-4.
14	-4.
15	-4.
16	-4.

DAY AVG. DAILY POWER LEVEL
 (MWE-NET)

17	-4.
18	-5.
19	-4.
20	-4.
21	-4.
22	-4.
23	-4.
24	-4.
25	-4.
26	-4.
27	-4.
28	-4.

OPERATING DATA REPORT

DOCKET NO. 050-0325
 DATE 03/08/83
 COMPLETED BY FRANCES HARRISON
 TELEPHONE 919-457-9521

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1	I	NOTES	I
2. REPORTING PERIOD: FEBUARY 83	I		I
3. LICENSED THERMAL POWER (MWT): 2435	I		I
4. NAMEPLATE RATING (GROSS MWE): 867.0	I		I
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0	I		I
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	I		I
7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0	I		I
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:			

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
 10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	672.0	1416.0	52177.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	33888.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1647.1
14. HOURS GENERATOR ON LINE	0.0	0.0	31970.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	0.0	63896014.3
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0.0	0.0	21062188.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	-2933.0	-6929.0	20218190.0
19. UNIT SERVICE FACTOR	0.0	0.0	61.3
20. UNIT AVAILABILITY FACTOR	0.0	0.0	61.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	-0.6	-0.6	49.0
22. UNIT CAPACITY FACTOR (USING DER NET)	-0.5	-0.6	47.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	24.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 5/13/83
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHEIVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

APPENDIX

DOCKET NO.: 050-325
UNIT: Brunswick No. 1
DATE: March 1983
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 was shut down the entire month of February for a refueling/maintenance outage.

There are 948* BWR and 160 PWR spent fuel bundles in the Brunswick No. 1 fuel pool.

*472 bundles have been moved to spent fuel during refueling; of these, 160 will remain in the pool when the core is reloaded.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH Feb 1983

DOCKET NO. 050-0325
 UNIT NAME BRUNSWICK I
 DATE March 1983
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-9521

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83116	821211	S	627	C	4	NA	RC	F-1 XX	REFUELING OUTAGE

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continuations
 5-Load Reductions
 6-Other

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0324
UNIT BRUNSWICK UNIT 2
DATE 03/04/83
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

FEBRUARY 83

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	589.	17	588.
2	565.	18	707.
3	6.	19	785.
4	-13.	20	782.
5	-11.	21	794.
6	-11.	22	792.
7	-11.	23	792.
8	-10.	24	793.
9	-11.	25	792.
10	-11.	26	771.
11	-12.	27	792.
12	-12.	28	793.
13	-12.		
14	-14.		
15	-10.		
16	357.		

OPERATING DATA REPORT

DOCKET NO. 050-0324
 DATE 03/04/83
 COMPLETED BY FRANCES HARRISON
 TELEPHONE 919-457-9521

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2	I	NOTES	I
2. REPORTING PERIOD: FEBRUARY 83	I		I
3. LICENSED THERMAL POWER (TWT): 2436	I		I
4. NAMEPLATE RATING (GROSS MWE): 867.0	I		I
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0	I		I
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	I		I
7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0	I		I
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:			

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
 10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	672.0	1416.0	64201.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	398.7	1120.0	39896.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE	363.4	1077.3	37228.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	783031.3	2135810.9	68432789.7
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	265056.0	723200.0	22739892.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	253505.0	697192.0	21789118.0
19. UNIT SERVICE FACTOR	54.1	76.1	58.0
20. UNIT AVAILABILITY FACTOR	54.1	76.1	58.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	47.8	62.3	43.0
22. UNIT CAPACITY FACTOR (USING DER NET)	45.9	60.0	41.3
23. UNIT FORCED OUTAGE RATE	0.0	2.7	16.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

DUAL OUTAGE- 3/28/83 THREE - FOUR WEEKS

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 0/ 0/ 0
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHEIVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERICAL OPERATION	-----	-----

APPENDIX

DOCKET NO.: 050-324
UNIT: Brunswick No. 2
DATE: March 1983
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 operated at 54.1% availability factor for the month of February with a 47.8% capacity factor. There was one off-line outage this month and one power reduction.

There are 424 BWR and 144 PWR spent fuel bundles in the Brunswick No. 2 fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH Feb 1983

DOCKET NO. 050-0324
 UNIT NAME BRUNSWICK II
 DATE March 1983
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-9521

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83018	830203	F	308.6	B	1	NA	CH	Pump xx	Unit separated from grid for rebuilding 2B reactor recirc pump seals

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continuations
 5-Load Reductions
 6-Other

⁴
 Exhibit C - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1983

DOCKET NO. 050-0324
 UNIT NAME Brunswick II
 DATE March 1983
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83-14	830201	F	0	A	5	NA	CH	Pump xx	Reduced power because of 2B recirc pump seal problems.

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance of Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Continuations
5-Load Reductions
6-Other

⁴ Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵ Exhibit I - Same Source